



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 10] नई दिल्ली, शनिवार, मार्च 5, 1994 (फाल्गुन 14, 1915)
No. 10] NEW DELHI, SATURDAY, MARCH 5, 1994 (PHALGUNA 14, 1915)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 5th March 1994

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1—487 GI/93

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Telegraphic address "PATENTOFIS".

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Building, 5th, 6th and 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

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एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 5 मार्च 1994

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोकोई इस्टेट,
तीसरा तल, लोकर परने (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा
दीप एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
61, बालाशाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिन्निकाप तथा एमिनिनिधि द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुरतीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

गणरा का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपे-
क्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की जमागी या तो नवंबर की जाएगी अथवा
उपयुक्त कार्यालय के नियंत्रक को भुगतान योग्य अनादेश अथवा
हाक आवेद या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान
को अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट
अथवा बैंक द्वारा की जा सकती है ।

REGISTRATION OF PATENT AGENT

The following person has been registered as a Patent Agent under sub-section (1)(c)(i) of Section 126 of the Patents Act, 1970.

M. S. Pandit,
E-206, Bramha Memories,
Bhosale Nagar,
Pune-411 007.

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE AT 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent branch are the dates claimed under Section 135, of the Patent Act, 1970.

24th January, 1994

- 37/Cal/94. Koninklijke Utermohlen N.V., Method and apparatus for cooling surfaces.
- 38/Cal/94. Hitachi Construction Machinery Co. Ltd. Hydraulic drive system for hydraulic working machines.
- 39/Cal/94. Metallgesellschaft Aktiengesellschaft. Process of degumming vegetable oil by means of enzymes.
- 40/Cal/94. Emitec Gesellschaft Fur Emissionstechnologie MbH. Metal honeycomb body, in particular a catalyst carrier body, held in an inner and an outer jacket tube.

41/Cal/94. Patent-Treuhand-Gesellschaft F. Elektrische Gluehlampen MbH. Circuit arrangement for operating a fluorescent lamp.

42/Cal/94. Patent-Treuhand-Gesellschaft F. Elektrische Gluehlampen MbH. Free-Running oscillating power supply circuit. (Convention No. 2102046 Filed on 29-10-93; Canada).

43/Cal/94. Helmut Bacher, Helmuth Schulz and Georg Wendelin. Filter apparatus for fluids, in particular for thermoplastic synthetic plastics material fluid.

44/Cal/94. Denbar, Ltd. High Strength Steel parts, cleaned of inorganic and organic combustion Residues. [Divided out of No. 921/Cal/89; antedated 6-11-89].

45/Cal/94. Lichtenberg Feuerfest GmbH. Shaped brick for the Lining of coke over chambers.

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATES, THIRD FLOOR, SUN MILL COMPOUND, LOWER PAREL (W), BOMBAY-13

20th December 1993

- 427/Bom/93. Hindustan Lever Limited. Modified lipolytic enzymes and their use.
- 428/Bom/93. Hindustan Lever Limited. Modified lipolytic enzymes and their use.

21st December, 1993

- 429/Bom/93. Viswanath Datatraya Hukerikar & S. B. Patwardhan. Special purpose lathe machine.
- 430/Bom/93. Ashok Madhav Pawar. An adaptor device for securing a roll film containing unit with a view camera.
- 431/Bom/93. Krishnan Raman Mundachalli. Method of manufacture of safety latches.
- 432/Bom/93. Dr. Peh Yang Chang. Anti collision system for use in motor vehicles.

22nd December, 1993

- 433/Bom/93. Sardar Patel Renewable, Energy Research Institute. Solar Still.
- 434/Bom/93. MRAS Marketing Research & Advisory Services Pvt. Ltd. A device for eliciting viewer data.

23rd December, 1993

- 435/Bom/93. Balsara Hygiene Products Ltd. A device for heating mats or vapourising liquid composition for repelling mosquitoes and/or spreading fragrance.

24th December, 1993

- 436/Bom/93. Hindustan Lever Limited. Process for manufacturing cold water soluble and chill stable ready to drink tea and product.
- 437/Bom/93. Hindustan Lever Limited. A multi-cavity dispensing refill cartridge.
- 438/Bom/93. Hindustan Lever Limited. Dimethyl-cyclohexanecarboxylic acid esters in perfumery.
- 439/Bom/93. Hindustan Lever Limited. Process for manufacturing cold water soluble and chill stable ready to drink tea, and product.
- 440/Bom/93. Hindustan Lever Ltd. Web cutting apparatus. G. B. Priority dated 24-12-92.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

17th January, 1994

- 18/Mas/94. V. M. Mayande and Dr. J. C. Katyal. Crida Groundnut planter.
- 19/Mas/94. Bandgap Technology Corporation. Method and apparatus for delivering gas.
- 20/Mas/94. Formitalia Pte. Ltd. Device and method for fixing a plate to a building.
- 21/Mas/94. Interbold. Article depositing apparatus.

18th January, 1994

- 22/Mas/94. Chevron Research and Technology Company. Hydrodealkylation processes.
- 23/Mas/94. Chevron Research and Technology Company. Dehydrogenation processes, equipment and catalyst loads therefor.
- 24/Mas/94. Chevron Research and Technology Company. Treating and desulfiding sulfided steels in low-sulfur reforming processes.
- 25/Mas/94. Chevron Research and Technology Company. Treating oxidizing steels in low-sulfur reforming processes.

19th January, 1994

- 26/Mas/94. K. N. Swamy. Seat protector.
- 27/Mas/94. Dr. Pradhan Ravindranath. Herbal cigarette.
- 28/Mas/94. BASF Aktiengesellschaft. The catalytic decomposition of dinitrogen monoxide which is pure or present in gas mixtures.

- 29/Mas/94. BASF Aktiengesellschaft. Catalysts with fine particle dispersion of the active component.

- 30/Mas/94. Ruhrkohle Aktiengesellschaft. Jigging machine with pneumatic valve control.

- 31/Mas/94. Nadella. Prestressed rolling bearing with improved cage and its application particularly to a steering column.

- 32/Mas/94. Kenneth R. Erickson. Brush recycling apparatus.

20th January, 1994

- 33/Mas/94. Hamon-Lummus B.V. Finned tubes and method for manufacturing them.

- 34/Mas/94. CPC International Inc. Starch Hemicellulose adhesive for high speed corrugating.

- 35/Mas/94. Ecoair Corporation. Hybrid alternator.

- 36/Mas/94. SAES Getters S.p.A. Insulating vacuum jacket suitable for thermal vessels containing liquids in particular aqueous and/or organic liquids.

21st January, 1994

- 37/Mas/94. Indian Space Research Organisation. Mechatronic hydraulic valve.

- 38/Mas/94. Colin Dahin. Combination bed and table.

- 39/Mas/94. Hans Ootikar AG. Plug-in safety coupling for pressure lines.

ALTERATION OF DATE UNDER SECTION-16

173209 antedated to 28th May, 1990.
(98/Cal/91)

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

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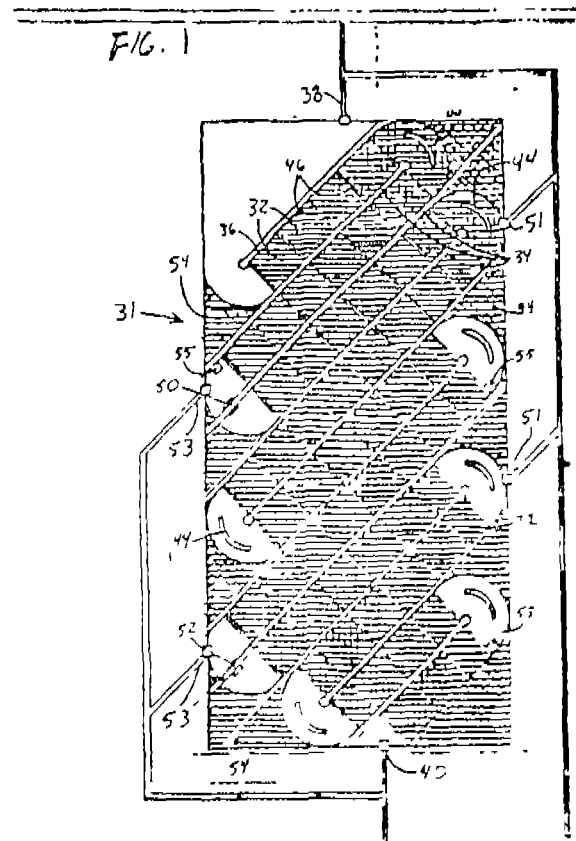
स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों के से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार(4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट

नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र की उपयुक्त कार्यालय को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित पत्रव्यव, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार विस्रे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अवायवी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) चढे लिप्यान्तरण प्रभार का परिपक्वता किया जा सकता है।



Cl. 201 C.

173191

Int. Cl. C 02 F, 1/24.

“APPARATUS AND METHOD OF TREATING WASTE-WATER”

Applicant : THE LEMNA CORPORATION OF 1408, NORTHLAND DRIVE, 102, MENDOTA HEIGHTS, MINNESOTA 55120, UNITED STATES OF AMERICA.

Inventors : (1) VIET HUNG NGO, (2) WARREN DAVID POOLE, (3) SEAN JEROME HANCOCK, (4) TIMOTHY THOMAS FRANCE.

Application No. 236/Cal/89; filed on 27th March, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

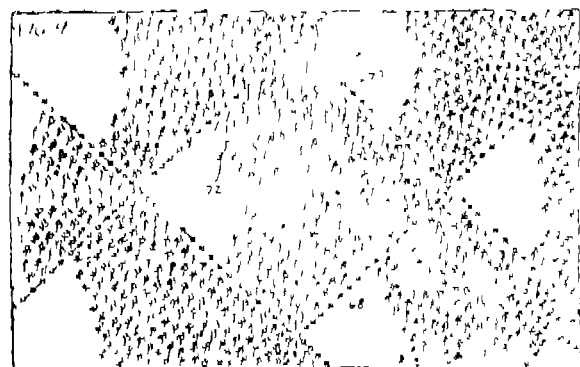
A wastewater treatment apparatus using floating aquatic plants, comprising :

a wastewater inlet;

a channel formed by berms, the berms defining a series of parallel straight channel portions connected by curvilinear portions, the channel winding back and forth in a substantially rectangular area;

a floating grid system substantially covering the water surface forming a series of plant containment zones; and

floating aquatic plants provided on the floating grid system, so as to be deployed on the surface of the water in the containment zones.



(Compl. Specn. 23 pages;

Drawn. 13 sheets).

Cl. 127 B.

173192

Int. Cl.⁴ F 16 C 3/06.

"AN ASSEMBLED CRANKSHAFT AND PROCESS FOR PRODUCING SAME".

Applicant : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH, OF HAUPTSTRASSE 150, 5204 LOHMAR, WEST GERMANY.

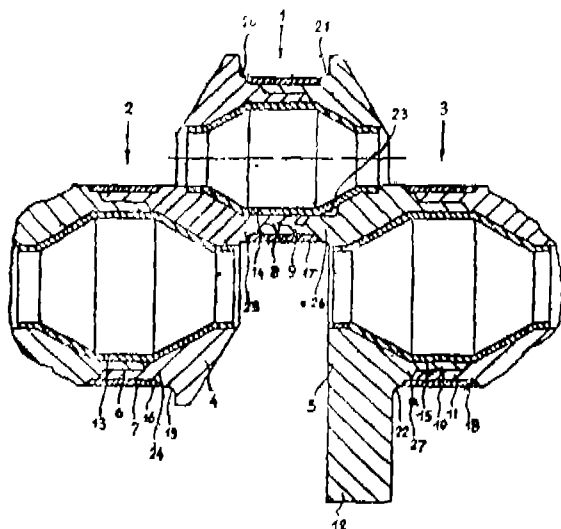
Inventor HELMUT SWARS.

Application No. 747/Cal/89; filed on 12th September, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

An assembled crankshaft whose crank webs on both sides are connected to, so as to be integral with, part of an adjoining pin, with these parts being designed as hollow pins, characterized in that the parts (8, 9; 6, 7; 10, 11) of adjoining crank webs (4, 5) jointly forming a shaft pin (1; 2; 3) are at least partially stepped in their diameter and inserted into each other, and that between the two parts there exists a torsion-resistant connection—the outer part (9, 7, 11) having a higher yield point than the inner part (8, 6, 10).



(Compl. Specn. 11 pages;

Drgns. 1 sheet).

Cl. 48 A 4

173193

Int. Cl.⁴ H 01 B 11/22

"LWL — CABLE".

Applicant : AEG KABEL AKTIENGESELLSCHAFT, OF BONNENBROICHER STRASSE 2-14, D-4050 MON-CHENGLADBACH 2, WEST GERMANY.

Inventors : (1) HELMUT HAAG, (2) GEORGE HOG, (3) MICHAEL HOFFART, (4) BERNDT ROPERTZ, (5) GUNTER THONNESSEN.

Application No. 751/Cal/89; filed on 13th September, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

13 Claims

The LWL cable with a core, LWL leads and electrical conductors, wherein the core consists of stranded electrical conductors, the electric conductors are arranged in the outer gusset of the core formed by the electric conductor and LWL

leads are arranged between each two electric conductors situated in the outer gusset of the core.

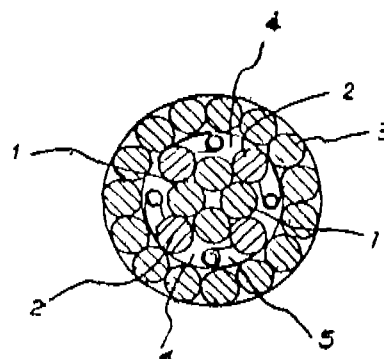


Fig. 2

(Compl. Specn. 7 pages;

Drgns. one sheet).

Cl. 194 C 1

173194

Int. Cl.⁴ H 01 J 9/20

"MANUFACTURING METHOD FOR PHOSPHOR SCREEN OF COLOR CATHODE RAY TUBE".

Applicant : SAMSUNG ELECTRON DEVICES CO., LTD, OF 575, SHIN-RI TAEAN-EUB, HWASEONG-GUN, KYUNGGI-DO, KOREA.

Inventors : (1) NAM-HO CHO, (2) HYUN-SANG KIM.

Application No. 915/Cal/89; filed on 01st November, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

A manufacturing method for phosphor screen of color cathode ray tube comprising; a phosphor slurry spreading process, and exposing process, and a developing process,

characterized in that the phosphor slurry spreading process consists of; a step of supplying the phosphor slurry through a plurality of nozzles for supplying phosphor slurry onto a slowly rotating panel supported by a shaft inclined at predetermined angle at which the slurry will be uniformly spread and a step of letting said panel revolve at a high speed so as for the phosphor slurry to be spread in a certain predetermined thickness, and for the excess amount of the phosphor slurry to be recovered through the centrifugal force.

FIG 3

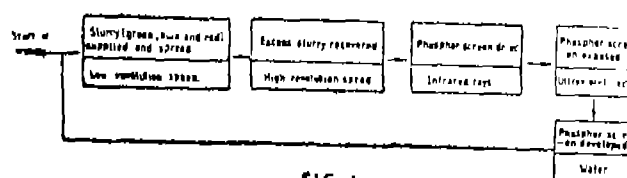
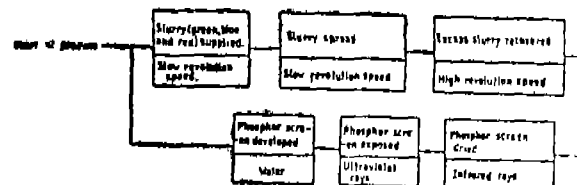


FIG 4



(Compl. Specn. 10 pages;

Drgns. 2 sheets).

Cl. : 40 A2 + 40 E.

173195

Int. Cl.⁴ B 01 J 8/00, 8/18;
B 01 D 53/00, 57/00**"AN IMPROVED RECYCLE VAPOUR LIQUID SEPARATOR IN AN EBULLATED BED PROCESS".**

Applicant : TEXACO DEVELOPMENT CORPORATION, OF 2000 WESTCHESTER AVENUE, WHITE PLAINS, NEW YORK, 10650 UNITED STATES OF AMERICA.

Inventors : (1) TING YEE CHAN, (2) JAMES HARVEY COLVERT.

Application No. 957/Cal/89; filed on 17th November, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

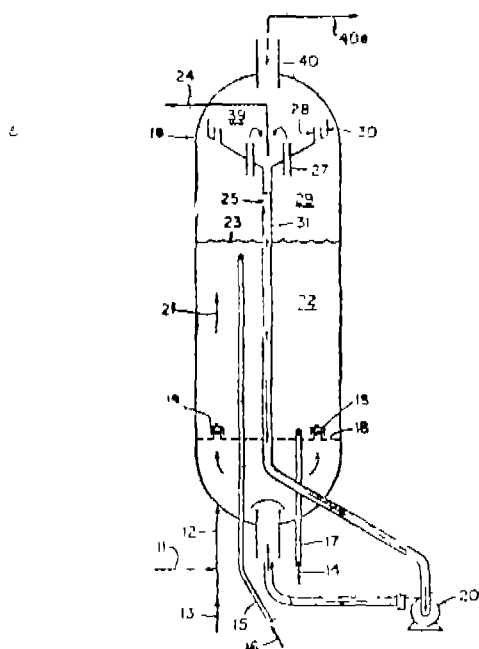
3 Claims

An improved recycle vapour liquid separator in an edul-lated bed process comprising in combination with a high pressure reaction vessel adapted for the reaction of a fluid hydrocarbon feed with a hydrogen rich gas at elevated temperatures and pressure in the presence of a bed of a particulate solid catalyst, said reaction being of the type wherein the gas and hydrocarbon feed are passed upwardly through the bed at velocities whereby the bed is expanded to a volume greater than its static volume and the particulate solid catalyst is put in a state of random motion and wherein the mixture of hydrocarbon feed, gas and catalyst constitute a catalytic reaction zone wherein minimum catalyst settling takes place, the upper portion of which zone is defined by a catalyst depleted zone substantially free of catalyst and said recycle vapour liquid separator defined the upper portion of said catalyst depleted zone, said recycle vapour liquid separator comprising :

a generally vertical recycle conduit having an enlarged upper end in fluid communication with a phase separation zone and a lower end in fluid communication with means for recycling liquid from the catalyst depleted zone to the lower end of the catalytic reaction zone and a plurality of generally vertical riser conduits adapted for fluid flow therethrough extending through the enlarged upper end having lower ends in fluid communication with said catalyst depleted zone and upper ends, the improvement to the recycle conduit comprising :

- (a) helical members within said riser conduits, and
- (b) cyclone separators in fluid communication with said riser conduit upper ends.

FIG.1.



(Compl. Specn. 19 pages;

Drngs. 2 sheets).

Cl. 69 L.

173196

Int. Cl.⁴ H 01 H 13/66**"CONTACT SWITCH"**

Applicant & Inventor : WOLFGANG PRIESEMUTH, OF POSTKAMP 13, 2210 BREITENBURG-NORDOE, WEST GERMANY.

Application No. 988/Cal/89; filed on 01st December, 1989.

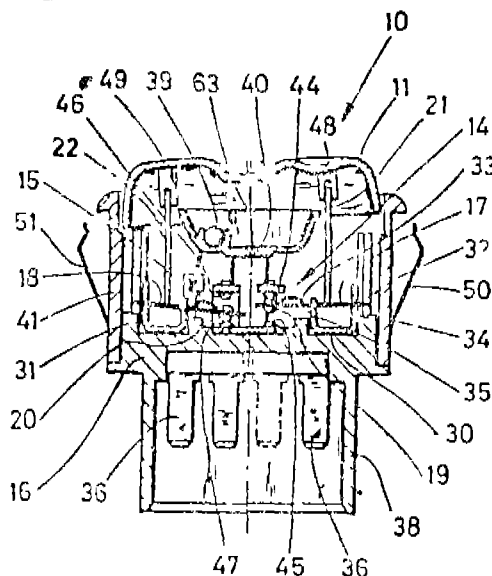
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A contact switch having two switch positions that are attainable from a rest or inoperative position via a movable rockertype push button, a housing accomodating switching elements having switch springs that are provided with switch contacts, the improvement comprising :

actuating elements that are pivotably connected to said push button and extend essentially perpendicular to said switch springs, with said actuating elements, as push members, acting upon said switch springs, which are essentially planar.

Fig. 2



(Compl. Specn. 20 pages;

Drngs. 2 sheets).

Cl. 35 E.

173197

Int. Cl. C 0' B 33/00, 41/00.

"A METHOD OF MODIFYING SELF-SUPPORTING COMPOSITE BODIES BY A POST-TREATMENT PROCESS".

Applicant : LANXIDE TECHNOLOGY COMPANY, LP, OF TRALEE INDUSTRIAL PARK, NEWARK, DELAWARE 19714-6077, UNITED STATES OF AMERICA.

Inventors : (1) TERRY DENNIS CLAAR, (2) WILLIAM BAYARD JOHNSON, (3) ROBERT ANTHONY RAPP

Application No. 996/Cal/89; filed on 01st December, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A method of modifying a self-supporting composite body by a post-treatment process, comprising

producing a self supporting composite body such as herein defined by .

selecting a parent metal such as herein defined;

heating said parent metal in a substantially inert atmosphere to a temperature sufficient to permit infiltration of molten parent metal into a mass comprising boron carbide and reacting molten parent metal with said boron carbide to form at least one boron-containing compound such as herein defined,

continuing said infiltration reaction for a time sufficient to produce said self-supporting composite body comprising at least one parent metal boron-containing compound such as herein defined; and

exposing said formed self-supporting composite body to at least one source of a second metal such as herein defined, thereby reacting at least a portion of said self-supporting composite body with said second metal to modify at least one property such as herein defined of the self-supporting composite body in at least a portion thereof

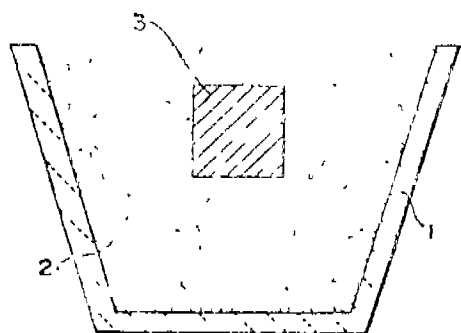


Fig. 1

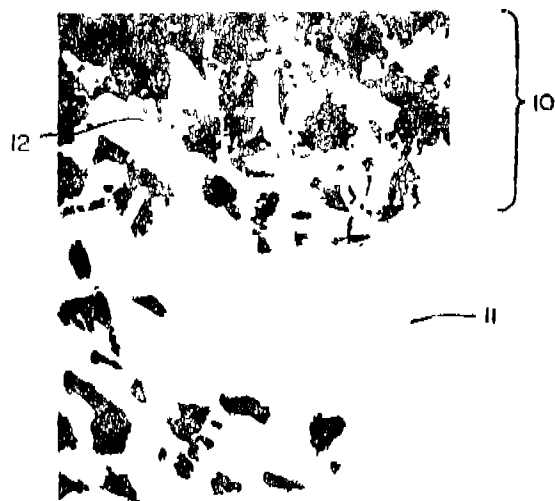


Fig. 2

CI 194 - C-1, 2(b)

173198

Int Cl. H 01 J 31/00,

B 05 B 1/00

"PHOSPHOR SLURRY SPREADING DEVICE FOR CATHODE RAY TUBE".

Applicant : SAMSUNG ELECTRON DEVICES CO LTD OF 575, SHIN-RI, TAEAN-EUB, HWASEONG-GUN, KYUNGGI-DO KOREA

Inventor : KWANG-SUN LEE

Application No 42/Cal/90; filed on 13th January, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

3 Claims

A phosphor slurry spreading device for a cathode ray tube comprising : a phosphor slurry injecting nozzle assembly; an approaching means for making said nozzle assembly approach to the inner face of a panel; and a supporting means for supporting said nozzle assembly and said approaching means, characterized in that a pivoting means is provided in such a manner as herein described that said nozzle assembly may be capable of moving from the centre of said panel to the peripheries of said panel during spreading phosphor slurry, said pivoting means comprising a vertical supporting pole for supporting the whole structure and installed in a rotatable manner relative to the ground, a cam lever secured to a side of the lower portion of said supporting pole, and a cam driven by a prime mover and for governing the motion of said cam lever.

Fig. 1

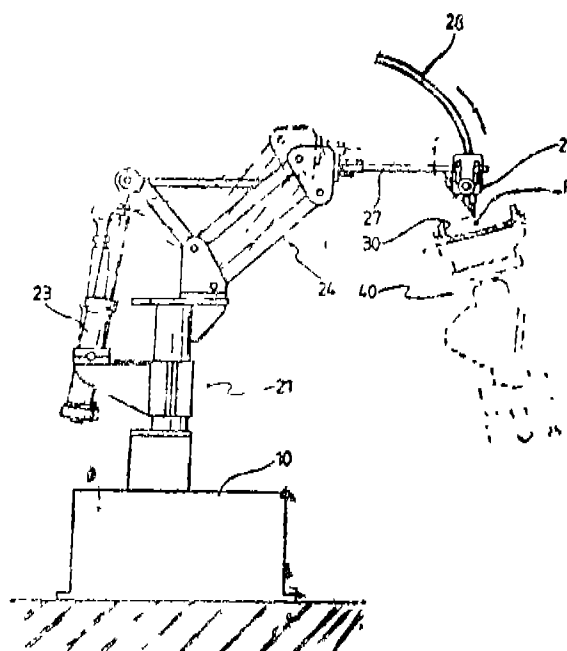


FIG. 2

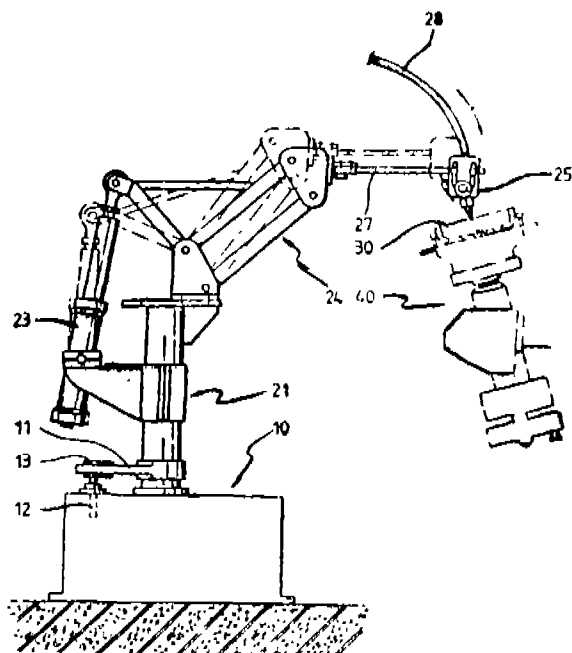
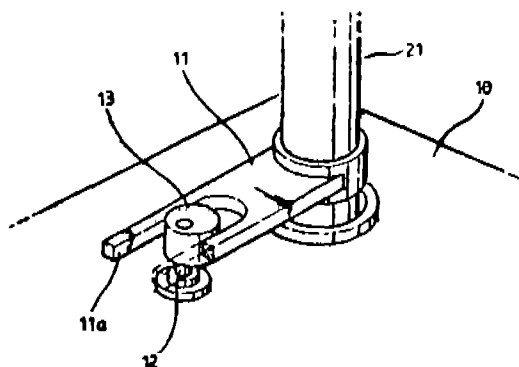


Fig. 3



(Compl. Specn. 8 pages;

Drugs. 3 sheets).

Cl.: 32 D, E.

173199

Int. Cl.⁴: C 07 F 17/00, 5/06.
C 08 F 4/52, 4/64.

A POLYMERIZATION PROCESS.

Applicant: (1) AUSIMONT S.R.L. OF 31, FORO BUONAPARTE MILANO, ITALY. (2) HIMONT INCORPORATED, OF 2801, CENTERVILLE ROAD NEWCASTLE-COUNTRY, DELAWARE, U.S.A. (3) MONTEDISON S.P.A. OF FORO BUONAPARTE 31, MILANO, ITALY.

Inventors: (1) LUIGI RESCONI, (2) UMBERTO GIANNINI, (3) ENRICO ALBIZZATI.

Application No. 83/Cal/90; filed on 30th January, 1990.

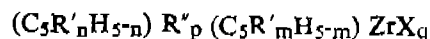
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Calcutta.

5 Claims

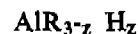
A polymerization process of ethylene and -olefins $\text{CH}_2\text{-CHR}$, in which R is an alkyl radical with 1-8 carbon atoms

or mixture of ethylene with said -olefins in the presence of a catalyst comprising the product of the reaction between:

A') a zirconocenic compound of the formula



in which $(\text{C}_5\text{R}'_n\text{H}_{5-n})$ and $(\text{C}_5\text{R}'_m\text{H}_{5-m})$ are cyclopentadienyl groups, which may also be identical, and in which R' is an alkyl, alkenyl, aryl, alkylaryl or arylalkyl radical containing from 1 to 20 C-atoms or else a CR_2 , SiR_3 group or SiR_3 group with R defined similarly to R', or else, two or four R' substituents of the same cyclopentadienyl group form rings having from 4 to 6 C-atoms, R'' is a bivalent radical chosen from an optionally substituted alkenyl group containing from 1 to 8 C-atoms, a $>\text{SiR}_2>\text{PR}$ or $>\text{NR}$ group with R defined similarly to R', said R'' forming a connecting bridge between two cyclopentadienyl groups; X stands for hydrogen, halogen, $-\text{OH}$, $-\text{OZr}(\text{C}_5\text{R}'_n\text{H}_{5-n})$ ($\text{C}_5\text{R}'_m\text{H}_{5-m}$), $-\text{OR}$ with R defined similarly to R', or a hydrocarbon radical having the meaning of R', when q is equal to 2, the X substituents may also differ from each other; q is 1 if Zr is trivalent and it is 2 if Zr is tetravalent; p is 0 or 1 and n, m are integers from 0 to 5: $(n+m)$ is ≥ 5 in the case where R' is a hydrocarbon radical and $p=0$; if $p=1$, $(n+m)$ is ≥ 3 ; when R' is a $-\text{SiR}_3$ or $-\text{CR}_2\text{SiR}_3$ group $(n+m)$ is ≥ 1 if $p=0$ or if $=1$ and R'' is an alkenic group; $(n+m)$ is ≥ 0 if $p=1$ and R'' is $\geq \text{SiR}_2$, $\geq \text{PR}$ or $\geq \text{NR}$. R') a trialkyl-Al compound or an alkyl-Al monohydride of the formula:



in which R is an alkyl, alkenyl or alkylaryl radical with 1-10 C-atoms and $Z=0$ or 1.

(Compl. specn. 13 pages.

Drugs. Nil)

Cl.: 144 B

173200

Int. Cl.: C 023 C 28/00.

METHOD AND APPARATUS OF COATING METALLIC PIPE AND COATED METALLIC PIPES THEREBY PRODUCED.

Applicants: (1) DU PONT CANADA INC. OF BOX 2200 STREETSVILLE, MISSISSAUGA, ONTARIO, CANADA L5M 2H3; CANADA. (2) VALSPAR INC., OF 645 CORONATION DRIVE, WEST HILL, ONTARIO, CANADA M1E 4R6; CANADA.

Inventors: (1) JAMES JOHN WILLIAM COX, (2) CHRISTOPHER ERNEST MATTHEWS.

Application No. 305/Cal/90; filed on 16th April 1990.

(Convention No. 89.08684; filed on 18-4-89; United Kingdom).

Appropriate Office for Opposition Proceedings, (Rule 4 Patents Rules, 1972), Patent Office, Calcutta.

19 Claims

A method of coating metallic pipe for use in buried pipelines to provide the pipe with resistance to impact damage and to cathodic disbondment, comprising:

(a) heating the pipe to a temperature of at least about 200°C;

(b) applying to the outer surface of the heated pipe a powdered epoxy resin composition comprising an epoxy resin and a curing agent such as herein described therefor, the epoxy resin composition having a softening point of at least about 90°C, said powdered epoxy resin composition melting and coalescing upon the pipe to form a molten coating having a thickness of at least about 300 microns; and

(c) before the epoxy resin composition has completely cured, applying thereto a modified polyolefin, said modified polyolefin being a homopolymer or copolymer of hydrocarbon alphaolefins having 2-10 carbon atoms and which has been grafted with an ethylenically unsaturated organic carboxylic acid or anhydride, the modified polyolefin forming an adherent and protective coating on the epoxy coating, said adherent and protective coating having a thickness of at least about 300 microns.

(Compl. Specn. 24 pages,

Draw. 1 sheet)

Cl.: 69 Q

173201

Int. Cl.: H 01 H 71/74.

A CIRCUIT BREAKER.

Applicant: WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors:

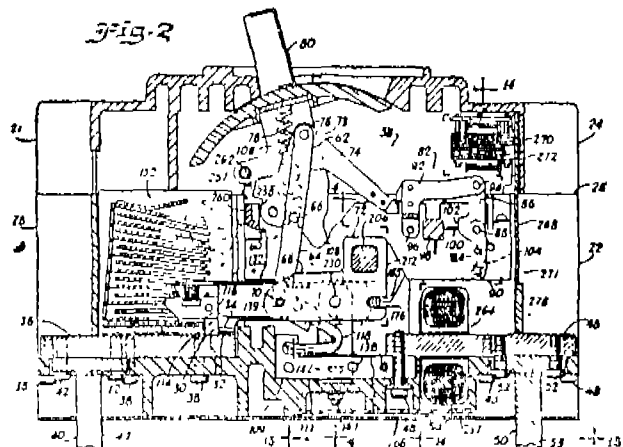
- (1) JERE LE MCKEE.
- (2) WILLIAM ELLSWORTH BEATTY JR.
- (3) GLENN ROBERT THOMAS.

Application No. 539/Cal/89 filed on 11th July 1989.

Appropriate Office for Opposition Proceedings, (Rule 4 Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

A circuit breaker comprising a housing having a base and a cover, a pair of separable contacts, one or more line side conductors one or more load-side conductors, an operating mechanism, an electronic trip unit a main current transformer disposed substantially within a current transformer cavity in said base, said current transformer cavity being open on one side to allow the current transformer to be removed from the housing, said main current transformer being disposed about one of said line-side conductor(s) or said load-side conductor(s), and a removable cover plate for closing said current transformer cavity.



(Compl. Specn. 26 pages,

Draws. 7 sheets)

Cl.: 10—E, F

173202

Int. Cl.: F 41 G 7/34.

SYSTEM FOR THE COURSE CORRECTION OF A SPINNING PROJECTILE.

Applicant: HASRODE B. V. OF GREFNEUWDSWEG 1, 5621 BA EINDHOVEN, THE NETHERLANDS.

Inventors: YFF, LOUIS SIMON.

Application No. 581/Cal/89 filed on 19th July 1989.

Appropriate Office for Opposition Proceedings, (Rule 4 Patents Rules, 1972), Patent Office, Calcutta.

19 Claims

System for the course correction of a spinning projectile (1) provided with course correction means said systems comprising a transmitter and antenna unit (7) for the transmission of a polarised first carrier wave, directional receiving antenna means (10) fitted to the projectile and a receiving system (13) linked with the directional receiving antenna means (10) for the processing of the received polarised carrier wave for determining the angular spin position of the projectile with a 180 degrees ambiguity, the transmitter antenna unit (7) further comprising means for the transmission of a second carrier wave with a frequency higher than that of the first carrier wave for the resolution of the 180 degrees ambiguity and means for the transmission of related information for the course correction means, characterised in that the second carrier wave is provided with a first type of modulation containing phase information of the first carrier wave for the resolution of the 180 degrees ambiguity and with a second type of modulation containing the related information.

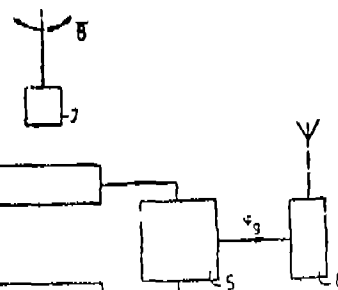
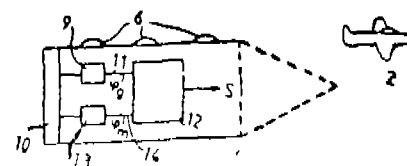


Fig. 1

(Compl. Specn. 20 pages

Draws. 9 sheets)

Cl.: 33-F,
33-D, & 99-A.

173203

Int. Cl.: B 22 C 9/00.

B 22 D 25/00.

A 45 D 33/00.

"A METHOD OF MAKING A MOLD WITH A TEXTURED MOLD SURFACE".

Applicant: THE BURNS & RUSSELL COMPANY OF BALTIMORE CITY OF 4230 BOSTON STREET, BALTIMORE, MARYLAND 21231 UNITED STATES OF AMERICA.

Inventors: PAUL MALKOWSKI.

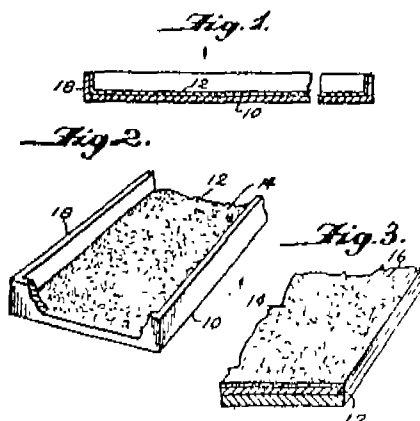
Application No. 926/Cal/89 filed on 7th November 1989.

Appropriate Office for Opposition Proceedings, (Rule 4 Patents Rules, 1972), Patent Office, Calcutta.

23 Claims

A method of making a mold with a textured mold surface comprising the steps of :

coating a mold surface of the mold with a fusible inorganic enamel composition, then applying a particulate inorganic material to the unfused enamel composition coating, and heating the enamel composition to fix the particulate material in place thereon and to harden the enamel composition, then applying a second coating of inorganic enameling composition of thickness to the coated mold surface and particulate material so that the surface of the second coating reflects the texture of the hardened enamel composition with the particulate material fixed thereon.



(Compl. Specn. 10 pages.

Drngs. 1 sheet)

Cl.: 39 C

173204

Int. Cl.⁴: C 01 C 1/24.

A PROCESS FOR THE MANUFACTURE OF FERTILIZER GRADE AMMONIUM SULPHATE FROM ACRYLATE PLANT WASTE.

Applicant: PROJECTS & DEVELOPMENT INDIA LIMITED C.I.F.T. BUILDINGS P.O. SINDRI, PIN-828122, DHANBAD, BIHAR, INDIA.

Inventor :

- (1) JIBAN KUMAR CHAKLADAR.
- (2) RAM UDAR SINGH.
- (3) KRISHNA MOHAN VERMA.
- (4) AJIT KUMAR DAS.
- (5) SUBRAT KUMAR SARKAR.

Application No. 1026/Cal/89 filed on 12th December 1989.

Appropriate Office for Opposition Proceedings, (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A process for the manufacture of Ammonium Sulfate of fertilizer grade from acrylate plant waste, which comprises subjecting the said waste liquor to a pre-treatment step so as to have a pre-treated waste liquor having around 10 to 40% by weight of waste acid in same, followed by subjecting said pre-treated waste acid to reduction step in presence of a metal capable of producing nascent hydrogen, said treatment being carried out at temperatures of 60 to 90°C, thereafter ammoniating at temperatures of 35 to 55°C, said liquor obtained after the nascent hydrogen treatment so as to produce the ammoniated liquor having a pH of 3.0 to 4.5 followed by evaporating the said ammoniated liquor and cooling the same in order to crystallize ammonium sulfate followed by filtration or centrifuging and washing with saturated ammonium sulfate solution preferably containing up to 2.5% of ammonia by weight.

(Compl. Specn. 14 pages.

Drngs. nil)

Cl.: 32 D, E

173205

Int. Cl.⁴: C 07 F 17/00, 5/06;

C 08 F 4/52, 4/64.

"A POLYMERIZATION PROCESS OF ETHYLENE AND OR α -OLEFINS".

Applicants: AUSIMONT S.R.L. OF 31, FORO BUONAPARTE, MILANO, ITALY, (2) HIMONT INCORPORATED OF DELAWARE, 2801 CENTERVILLE ROAD, NEW CASTLE COUNTY, DELAWARE, U.S.A. (3) MONTEDISON S.P.A. OF FORO BUONAPARTE 31, MILANO, ITALY.

Inventors :

- (1) LUIGI RESCONI.
- (2) UMBERTO GIANNINI.
- (3) ENRICO ALBIZZATI.

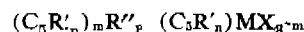
Application No. 82/Cal/90; filed on 30th January 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

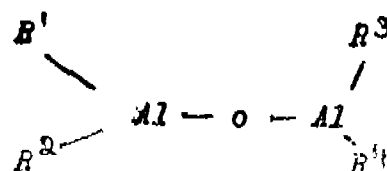
A polymerization process of ethylene and/or α -olefins $H_2=CHR$, in which R is an alkyl radical with 1-8 carbon atoms or mixture of ethylene, in presence of a catalyst comprising the product of the reaction between :

(A) a metallocene compound having the formula :



wherein $(C_5R'_n)$ is a cyclopentadienyl group in which the R' radicals are the same or different from each other and are hydrogen, alkyl, alkenyl, aryl, alkylaryl or arylalkyl radical having 1 to 20 carbon atoms, or a CR_2SiR_3 group or a $-SiR_3$ group with R having the meaning of R' , or where two or four R' substituents form one or two rings having 4 to 6 carbon atoms; R'' is an optionally substituted alkylene radical containing 1 to 8 carbon atoms, or a $>SiR_2$, $>PR$ or $>NR$ group in which R has the meaning of R' ; X is the same or different from each other and is hydrogen, a hydrocarbon radical R' , a halogen atom, an alkoxy group OR, a hydroxy or an OMX $(C_5R'_n)_2$ group; M is transition metal in valence state of 3 or 4 selected from Ti, Zr and Hf; p is 0 or 1; m is 0, or 2; when $m=0$, p is 0, and when $p=0$ at least one R' radical is different from hydrogen; $n=4$ when $p=1$, and $n=5$ when $p=0$;

(B) an alumoxane compound of formula :



wherein R^1, R^2, R^3, R^4 are the same or different from each other and are alkyl, alkenyl or alkylaryl radicals having 2 to 20 carbon atoms said process being carried out in liquid phase or gas phase for periods from 1 to 60 minutes, at concentrations of the metallocene compound between 10^{-4} and 10^{-3} moles/l and between 1 and 10 moles/l for the alumoxane compound.

(Compl. Specn. 22 pages;

Drngs. Nil)

Cl. 90 A
90 I

173206

rotating belt (13) shielding the chain system from the entrance of seales, dirt and broken pieces.

Int. Cl. C 03 B 23/023, 23/03.

"APPARATUS FOR BENDING GLASS PLATES."

Applicant : Saint-Gobain Vitrage International, of "Les Miroirs" 18, Avenue d'Alsace, 92400 Courbevoie, France.

Inventors : HANS-WERNER KUSTER HANS-JOSEF PROMPR LUC VANASCHEN.

Application No. 188/Cal/90 filed on 1st March 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

Apparatus for bending and tempering glass plates, with a horizontal roller furnace for heating the glass plates to the bending temperature, a press bending station following on the roller furnace and a cooling station following on to the press bending station, in which between the roller furnace and the cooling station is provided a flexible conveyor belt on which the glass plate is horizontal conveyed in bent where it is bent together with the conveyor belt and is conveyed in bent form on said conveyor belt into the cooling station, characterized in that the bending tools in the press bending station comprise water-cooled, full surface bending moulds (6, 7) through whose whole-surface contact the glass plates are given the necessary tempering immediately following bending and the conveyor belt (10) is made from a woven or knitted fabric of heat resistant metal fibres and in a direction at right angles to the conveyor belt plane has a heat resistivity of

$$0,25 \times 10^{-3} \text{ to } 5 \times 10^{-3} \text{ m}^2 \times K \times W^{-1}$$

(Compl. Specn. 8 pages)

Drngs. 1 sheet)

Cl.: 203

173207

Int. Cl.: B 65 H 5/02.

STAND FOR EXERTING A FORWARD OR REAR-WARD DRAG ON STRIPS.

Applicant : NORBERT UMLAUF OF HAFERKAMP 64,5800 HAGEN 1 BRD (WEST GERMANY).

Inventor : NORBERT UMLAUF.

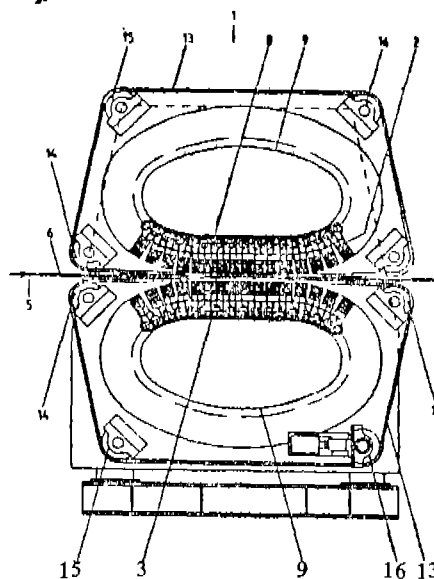
Application No. 404/Cal/1990 filed on 18th May 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

16 Claims

A stand (1) for exerting a forward or backward drag upon metal strips (6) or sheets, in particular for a plurality of narrow strips which are to be wound up together with separate braking drags being applied to each strip, between two oppositely disposed, endlessly circulating conveyor chain systems (2, 3) driven by chain wheels, characterised by that the said conveyor chain is covered outwardly by a continuous

Fig. 1



(Compl. Specn. 12 pages)

Drngs. 2 sheets)

Cl.: 83 A 1

173208

Int. Cl.: A 23 L 1/00

PROCESS FOR THE PREPARATION OF A NUTRITIONALLY COMPLETE FOOD PRODUCT.

Applicant : AMERICAN HOME PRODUCTS CORPORATION, OF 685, THIRD AVENUE NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventor : ERIC LOUIS LIEN RUDOLPH MICHAEL TOMARELLI.

Application No. 880/Cal/1991 filed on 26th November, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

12 Claims

A process for preparing a nutritionally complete food product for the nutrition of infants, in which a fat composition comprising (1) a corandomization product derived from

(a) one or more lauric acid oils selected from coconut oil, babassu oil, and palm kernel oil and (b) one or more palmitic acid oils selected from oleo oil, palm oil, and palm olein oil, and, if desired, (c) one or more oleic acid oils selected from olive oil, safflower oleic oil, sunflower oleic oil, and canola oil and (d) one or more linoleic acid oils selected from corn oil, cottonseed oil, safflower oil, soyabean oil, and sunflower oil, and

(2) (c) one or more oleic acid oils selected from olive oil, safflower oleic oil, sunflower oleic oil, and canola oil, and (d) one or more linoleic acid oils selected from corn oil, cottonseed oil safflower oils soyabean oils and sunflower oil, wherein the fat composition comprises,

(a) 18-30%, calculated on the weight of the fat composition of said lauric acid oils,

(b) 20-40%, calculated on the weight of the fat composition of said palmitic acid oils;

(c) 13-34% calculated on the weight of the fat composition of said oleic acid oils and

(d) 12-27%, calculated on the weight of the fat composition, of said linoleic acid oils;

the amounts of said oils being such that the said fat composition contains, per 100 parts by weight of the total fatty acids present as triglycerides,

- (i) 9-20 parts of lauric acid;
- (ii) 10-25 parts of palmitic acid;
- (iii) 2-10 parts of stearic acid;
- (iv) 24-45 parts of oleic acid; and
- (v) 11-28 parts of linoleic acid;

is combined with protein and carbohydrate sources, vitamins and minerals in amounts suitable for a nutritionally complete food product for infants.

Compl. Specn. 22 pages

Drg. Nil

Cl. : 32 F₂

173209

Int. Cl. : C 07 C 101/00, 102/00, 125/00

FUEL OR LUBRICATING COMPOSITIONS.

Applicant : THE LUBRIZOL CORPORATION, OF 29400 LAKELAND, BOULEVARD, WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventors : WILLIAM MONROE LESUER.

Application No. 928/Cal/91 filed on 16th December, 1991.

(Divided out of No. 449/Cal/90 antedated to 28th May, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A fuel or lubricating composition comprising more than 50% by wt of a normally liquid fuel or an oil of lubricating viscosity as herein before discovered and less than 50% by wt of at least one substituted carboxylic acid or derivative such as herein described.

Compl. Specn 82 pages

Drg. 1 sheet

Cl. : 128 F G

173210

Int. Cl. : A 61 M 37/00, A 61 J 7/00

APPARATUS ASSEMBLY FOR UNIVOCAL SUPPLY OF DRUGS CORRESPONDING TO A PRESCRIBED TREATMENT TO A GIVEN PATIENT.

Applicant HEALTECH S.A. OF 9496 BALZERS (LIECHTENSTEIN).

Inventor : ANGELO FERRARIO.

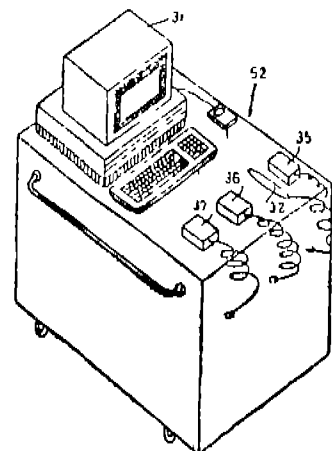
Application No. 934/Cal/91 filed on 18th December, 1991.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

Apparatus assembly for univocal supply of drugs corresponding to a prescribed treatment to a given patient, comprising a marking machine (61) for marking support devices (2) for patient's identification data, a dolly machine (52) movable among patients for reading patient's identification data on said support devices (2) and recording prescribed treatments decided for respective patients and for reading identification data of drugs to be supplied to respective patients according to said prescribed treatments and delivering enabling signals for supply of said drugs, and a machine (51)

for preparing, filling and marking drug containers with drug identification data readable by said dolly machine (52).



Compl. Specn. 14 pages

Digs. 3 sheets

Cl. : 90 C

173211

Int. Cl. : C 23 C. 14/34.

A VISUALLY NEUTRAL REFLECTANCE, HIGH TRANSMITTANCE, LOW EMISSIVITY GLASS SHEET AND METHOD FOR PREPARING SAME.

Applicant : PPG INDUSTRIES, INC., OF ONE PPG PLACE, PITTSBURGH 22, STATE OF PENNSYLVANIA 15272, UNITED STATES OF AMERICA.

Inventor : FRANK HOWARD GILLERY.

Application No. 312/Cal/89; filed on 24th April 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

17 Claims

A visually neutral reflectance, high transmittance, low emissivity glass sheet comprising :

- a. a transparent glass sheet;
- b. a first transparent antireflective metal oxide film having a refractive index of about 2.0 deposited on a surface of said substrate;
- c. a first transparent neutral metal oxide layer having a refractive index greater than 2.0 deposited on said first metal oxide film;
- d. a transparent infrared reflective metallic film deposited on said neutral metal oxide layer;
- e. a transparent neutral metal layer deposited on said infrared reflective metallic film; and
- f. a second transparent antireflective metal oxide film deposited on said neutral metal layer.

Compl. Specn. 15 pages

Dig. 1 sheet

Cl. : 32 F 3 (c)

173212

Int. Cl. : C 07 C, 31/08.

IMPROVEMENTS IN OR RELATING TO MANUFACTURE OF ETHANOL FROM GLUCOSE.

Applicant & Inventor : DR. AMALESH KUMAR SARKAR OF FIAT NO. 3A, 9, MANDEVILLE GARDENS, CALCUTTA-700 019, WEST BENGAL, INDIA.

Application No. 514/Cal/89; filed on 31st July, 1989.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

4 Claims

The process for manufacture of ethanol from Glucose which comprises subjecting aqueous solution of around 10% concentration glucose to fermentation at around 30°C in presence of yeast followed by separating the ethanol produced at a pH of 4.0-4.5 characterized in that the fermentation is carried out in the presence of an organic solvent as herein described to obtain an aqueous phase containing the product of fermentation, and an organic phase above the aqueous phase having high solubility for the ethanol produced in the fermentation, the organic phase to aqueous phase being about 2:1 to 1:1 (volume ratio) extracting substantial amount of the ethanol produced in the aqueous phase, withdrawing the organic phase containing the ethanol, subjecting same to distillation to obtain a product stream having 100% ethanol and a recovered solvent stream which if desired may be recycled to the fermentor, the aqueous phase at the bottom of the fermentor being subjected to recirculation in the following manner:

(a) withdrawing a recirculation stream from an intermediate location in the aqueous phase and recirculating same to the aqueous phase at a level slightly below that of the interface and the aqueous phase from above this level being subjected to recirculation to the intermediate level of aqueous phase, a product stream being withdrawn from the bottom of the aqueous phase which is subjected to centrifuging to obtain spent yeast and useful liquid stream followed by subjecting the liquid stream to distillation to obtain ethanol stream (95% pure) and a waste water effluent stream.

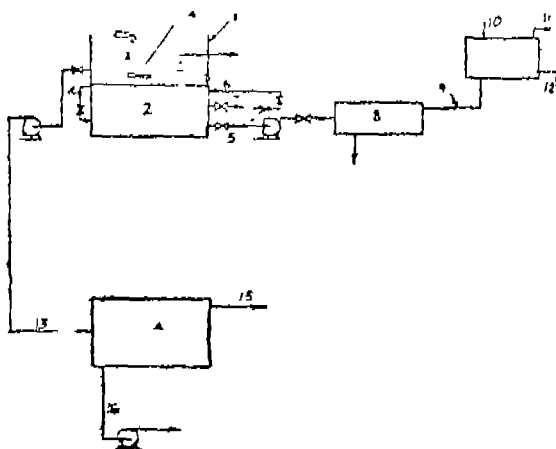


Fig. 1

Compl. Specn. 14 pages

Drg. 1 sheet

Cl.: 35 E, 108 C 3; 85 J.

173213

Int. Cl.: C 21 B 15/00.

PROCESS FOR THE PREPARATION OF ANHYDROUS TAP HOLE MIXTURE FOR BLAST FURNACE.

Applicants: (1) SAROJ KUMAR MITRA, (2) HARDEV PRASAD SINHA, (3) N. V. S. KRISHNA, (4) KENNATH N. DAS, (5) BISWANATH GHOSH, (6) HEMANT MANOHAR NERURKAR, (7) DR. ATINDRA NATH MITRA, (8) DR. TRIDIBESH MUKHERJEE, (9) TATA IRON & STEEL CO. LTD. OF TATA IRON AND STEEL CO. LTD. JAMSHEDPUR BIHAR, INDIA.

Inventors: (1) SAROJ KUMAR MITRA, (2) HARDEV PRASAD SINHA, (3) N. V. S. KRISHNA, (4) KENNATH N. DAS, (5) BISWANATH GHOSH, (6) HEMANT MANOHAR NERURKAR, (7) DR. ATINDRA NATH MITRA, (8) DR. TRIDIBESH MUKHERJEE.

Application No. 686, Cal/89; filed on 29th October, 1990.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

A process for the preparation of anhydrous tap hole mixture for blast furnace which comprises preparing a dry mix of fine grain quartzite having at least 96% SiO₂, plastic clay, coke breeze, graphite, silicon carbide and other additives, thereafter preparing a wet mix of the same with tar or liquid resin mixing the same thoroughly and obtaining the required tap hole mixture, the quartzite is used in an amount of 50 to 60% by weight, coke breeze is used in an amount of 10 to 15% graphite is used in an amount of 10 to 12% by weight, silicon carbide is used in an amount of 10 to 15% by weight and plastic clay is used in an amount of 10 to 15% by weight of the total dry mix the pitch is used in an amount of 8 to 10% by weight based on the total weight of the dry mix, the dehydrated tar is used in amount of 15 to 20% by wt. and the resin is used in an amount of 4 to 15% 6% by wt. in which hexamine content is of 17 to 17.5%.

Compl. Specn. 9 pages.

Drg. Nil

Cl.: 35 E; 33 H

173214

Int. Cl.: C 04 B 33/00, 35/00, 38/00.

A METHOD FOR MAKING A METAL MATRIX COMPOSITE.

Applicant: LANXIDE TECHNOLOGY COMPANY, LP. OF TRALEE INDUSTRIAL PARK, NEWYARK, DELAWARE 19714-6077, UNITED STATES OF AMERICA.

Inventor: JOHN THOMAS BURKE.

Application No. 805/Cal/89; filed on 29th September, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

43 Claims

A method for making a metal matrix composite, comprising: providing a substantially non-reactive filler as herein defined spontaneously infiltrating at least a portion of the filler with molten matrix metal as herein defined; and

supplying additional matrix metal as herein defined to said spontaneously infiltrated filler by means such as herein described.

Compl. Specn. 38 pages

Drgs. 2 sheets.

Cl. 129 G

173215

Int. Cl.: B 23 B 29/04

A TOOL CLAMPING ASSEMBLY FOR A MACHINE TOOL.

Applicant: KRUPP WIDIA GMBH, OF MUNCHENER STR. 90, D-4300 ESSEN 1, WEST GERMANY.

Inventor: RAINER VON HAAS GUNTER RUTHER.

Application No. 829/Cal/89 filed on 5th October, 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

20 Claims

A tool-clamping assembly for a machine tool comprising:

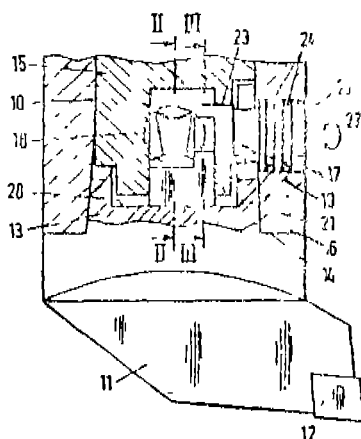
a machine tool having a tool carrier formed with a tool head having a pin of the configuration of a body of revolution;

a tool holder formed with a socket of a configuration complementary to that of said pin and adapted to receive said pin and form a force-fitting and form-fitting connection therewith;

a plurality of clamping elements on said holder displaceable outwardly into respective recesses formed in said tool carrier and actuatable to displace said tool carrier into said connection with said holder, thereby locking said tool carrier to said holder; and

an actuator on said tool holder in the form of a rotatable clamping shaft provided with spiral camming guides bearing upon said elements and having regions of engagement therewith at distances from an axis of said shaft varying with angular displacement thereof.

Fig. 1



Compl. Specn. 15 pages

Drgs. 5 sheets

Cl. : 64 B₂

173216

Int. Cl. : H 01 R 11/00

A TELECOMMUNICATIONS AND DATA SYSTEMS CONNECTOR BANK FOR SHIELDED CABLES INCLUDING A SHIELD CABLE

Applicant : KRONE AKTIENGESELLSCHAFT, OF BEES-KOWDAMM 3-11, D-1000, BERLIN 37, WEST GERMANY.

Inventors : LUTZ BIEDERSTEDT, MANFRED MULLER.

Application No. 100/Cal/89 filed on 5th December, 1989.

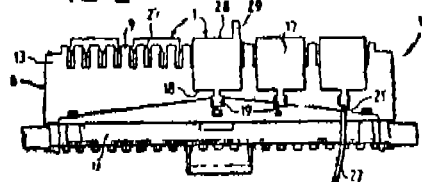
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A telecommunication and data systems connector bank for shielded cables including a shield cable, comprising :

a bank supporting a plurality of cutting/clamping contacts, the bank body and the cutting/clamping contacts co-operating to form a plurality of contact slots; a shield connecting element comprising a sheet piece bent to form a U-shaped portion with legs insertable into ones of said contact slots and engagable with associated cutting/clamping contacts, said shield connecting element including a base portion with a shield connecting contact for connecting a shield cable, said plurality of contact slots being arranged with a spacing between adjacent contact slots, said legs being spaced a distance corresponding to at least twice the spacing of two adjacent contact slots.

FIG 2



Compl. Specn. 12 pages

Drgs. 2 sheets.

Cl. : 32 E

173217

Int. : Cl. : 08 L 23/00, 23/18, 31/00

PROCESS FOR PREPARATION OF A CO-POLYMER.

Applicant : HOECHST AKTIENGESELLSCHAFT OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) HERBERT WIRTZ

(2) SIGMAR-PETER VON HALASZ

(3) MICHAEL FEUSTEL

(4) JULIANCE BALZER.

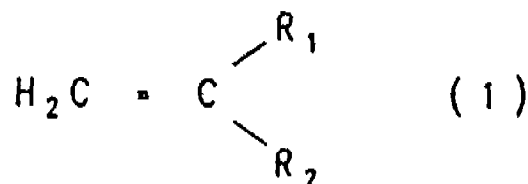
Application No. 1036/Cal/89; filed on 14th December, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

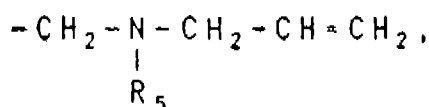
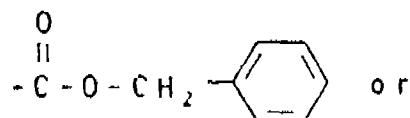
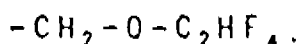
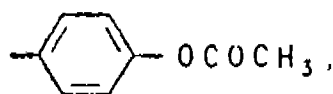
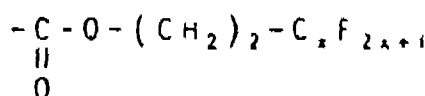
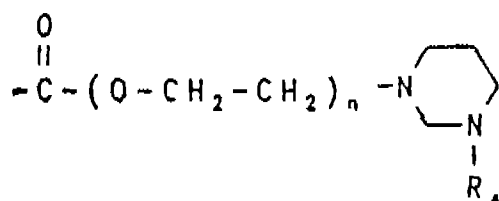
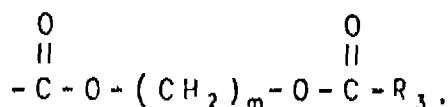
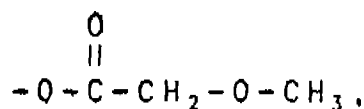
1. A process for the preparation of a copolymer composed of 50 to 99.9% by weight of a C_{14} - C_{22} -alkyl (meth)acrylate and

50 to 0.1% by weight of a monomer of the formula 1



in which R₁ is hydrogen or methyl

R_2 is a group of the formulae



R₃ is C₁-C₃₀-alkyl, C₂-C₃₀-alkenyl, C₃- or C₆-cycloalkyl or -cycloalkenyl which can each be substituted by alkyl groups, or is aralkyl, alkaryl or the radical of a dimeric fatty acid, of maleic acid, of succinic or of a C₆-C₂₂-alkenylsuccinic acid.

R_4 is C_1 - C_{10} -alkyl, C_2 - C_{10} -alkenyl, C_5 - or C_6 -cycloalkyl or -cycloalkenyl which can each be substituted by alkyl groups, or is aryl, aralkyl or alkaryl,

R_0 is C_6 - C_{20} -alkyl,

m is 2 or 3.

n is a number from 1 to 30 and

x is a number from 2 to 20,

where the C_{14} - C_{22} alkyl (meth) acrylate and a comonomer of the formula 1 are polymerized by conventional processes wherein the polymerization is carried out in an aromatic hydrocarbon, hydrocarbon mixture or a n-paraffin at 50—100°C and with the starters conventional for free-radical polymerizations.

Cl. : 172 C 2

173218

Int. Cl.⁴ : D 01 G 19/06; 19/10

"FITTINGS FOR COMBING ROLLERS, IN PARTICULAR FOR WOOL AND COTTON COMBING MACHINES".

Applicant : STAEDTLER & UHL, NORDLICHE RINGSTRASSE 12, D-8540 SCHWABACH, FEDERAL REPUBLIC OF GERMANY.

Inventor : JOSEF IGGERER

Application No. 1051/Cal/89; filed on 20 December, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office, Calcutta.

6 Claims

A fitting for combing rollers, in particular for wool and cotton combing machines, comprising a plurality of saw-toothed stamped elements in the shape of bars, disposed axially next to each other, characterized in that saw-toothed elements (1) having a variable number of teeth (3) per stamped element (1) are disposed within a bar (6).

(Compl. Specn. 11 pages;

Drgns. 2 sheets)

Cl. : 128 H

173219

Int. Cl. : A 61 F 13/16

"A METHOD OF PREPARING A SANITARY NAPKIN".

Applicant : MCNEILL PPC-INC. OF ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NEW JERSEY 08933, UNITED STATES OF AMERICA.

Inventor : PRAMOD MAVINKURVE.

Application No. 589/Cal/91; filed on 05th August, 1991.

(Divided out of No. 608/Cal/88; antedated to 21-7-88).

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office, Calcutta.

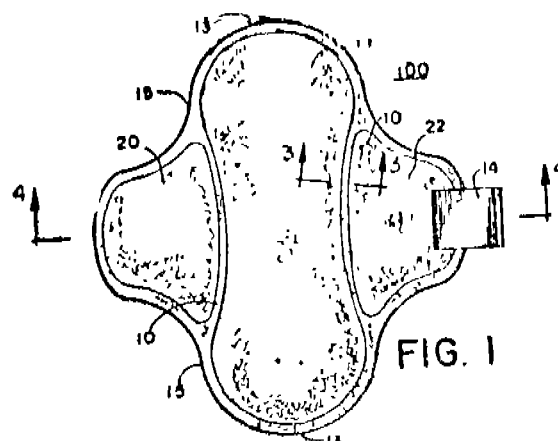
2 Claims

A method for preparing a sanitary napkin comprising :

(a) providing an absorbent element having longitudinally extending sides and transverse ends and including flaps extending laterally from each of said longitudinal sides, said flaps having body fluid pervious covers, body fluid impervious backings and absorbent tissue disposed between said covers and said backings; and

(b) heating said covers or said backings whereby at least a portion of said covers and said backings are fused together through said absorbent tissues to form a body

fluid sealing means for restricting the transmission of body fluid from said absorbent element into said flaps.



(Compl. Specn. 19 pages;

Drgns. 3 sheets)

Cl. : 32 B & C; 55 E

173220

Int. Cl. : A 61 K 31/02, 31/04,

A 01 M 29/00, 33/00,

C 07 C 79/10, 79/12.

"PROCESS FOR THE PREPARATION OF CHLORO-FLUORONITROBENZENES".

Applicant : HOECHST AKTIENGESSELLSCHAFT. OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) THEODOR PAPENFUHS

(2) ANDREAS KANSCHIK-CONRADSEN

(3) WILFRIED PREBLER.

Application No. 411/Cal/92; filed on 09th June, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents, Rules, 1972), Patent Office, Calcutta

12 Claims

A process for the preparation of chlorofluoronitrobenzenes in high yields, which comprises reacting dichloronitrobenzenes with alkali metal fluorides having a water content of up to about 2.5% by weight in the presence of a quaternary ammonium and/or polyethylene glycol dimethyl as catalyst in the presence of an aprotic solvent such as herein described, the boiling point of which is below the reaction temperature under the pressure conditions chosen, at temperatures of from 125°C to 200°C, wherein 1.05 to 5 mol of dichloronitrobenzene are reacted per mol of alkali metal fluoride, and wherein the catalyst is used in an amount of between 1 to 10% by weight of dichloronitrobenzene.

(Compl. Specn. 10 pages;

Drgns. Nil)

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Patent Office Calcutta, and its branches at Bombay, Madras, and Delhi at two rupees per copy :—

(1)

162071	162072	162073	162074	162075	162076	162077
162078	162079	162080	162081	162082	162083	162084
162085	162086	162087	162088	162089	162090	162091
162092	162093	162094	162095	162096	162097	162098

162099	162100	162101	162102	162103	162104	162105
162106	162107	162108	162109	162110	162111	162112
162113	162114.					

(2)

162115	162116	162117	162118	162119	162120	162121
162122	162123	162124	162125	162126	162127	162128
162129	162130	162131	162132	162133	162134	162135
162136	162137	162138	162139	162140	162141	162142
162143	162144.					

(3)

162145	162146	162147	162148	162149	162150	162151
162152	162153	162154	162155	162156	162157	162158
162159	162160	162161	162162	162163	162164	162165
162166	162167	162168	162169	162170	162171	162172
162173	162174	162175	162176	162177	162178	162179
162180.						

PATENT SEALED ON 4-2-1994

171430*D	171486	171510	171652*	171654	171736*D
171775*	171782*	171790*	171792	171794	171796
171799*					
D 171800	171801	171821*	D 171829	171832*	171833*
171834*	171836	171837	171839	171840*	171842
171843					
171844	171845*	171848	171850	171852*	171853
171854					
171856*	171858*D	171860	171862*	F 171865*	171867*
171868.					

CAL-11, MAS-16, BOM-00, DEL-13

Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT under section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—DRUG PATENT, F—FOOD PATENT

REGISTRATION OF ASSIGNMENTS LICENCES ETC (PATENTS)

Assignments, Licences or other transaction affecting the interest of the original patentee have been Registered in the following case.

168525—LUCKY BIOTECH CORPORATION AS Co-patentee.

RENEWAL FEES PAID

152113	153538	153850	153857	154057	154058	154071
154100	155164	155189	155856	156401	156770	157404
157550	157551	157633	157703	158028	158125	158605
159151	159499	159671	160154	161404	161640	161693
161768	162109	162313	162719	162803	162837	163092
163151	163295	163296	163364	163426	163502	163505
163603	163620	163853	163923	164012	164647	164740
165132	165221	165312	165388	165410	165466	165546
165548	165652	165664	165692	165815	165970	166055
166261	166369	166397	166400	166467	166524	166527
166538	166607	166608	166623	166676	166951	167270
167388	167700	167861	167944	167946	168096	168097
168099	168233	168240	168243	168274	168316	168386
168388	168469	168502	168508	168509	168641	168686
168855	168914	168955	168964	168965	169023	169071
169072	169105	169295	169312	169434	169539	169629
169733	169834	169931	170181	170219	170240	170269
170278	170279	170281	170359	170360	170416	170428
170512	170514	170526	170527	170533	170574	170579
170632	170691	170718	170723	170805	171131	171219
171380	171484	171521	171698	171701	171704	171705.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 154740 granted to Asahi Kasei Kogyo Kabushiki Kaisha for an invention relating to "a method for the manufacture of an alkali metal hydroxide, chlorine gas and hydrogen gas."

The Patent ceased on the 11th Dec. 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th February, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 5-5-1994, under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 159297 granted to Walter Grato Rossi for an invention relating to "whell wrench support."

The Patent ceased on the 10th May, 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th February, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 5-5-1994, under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 164299 granted to Larson & Toubro Limited for an invention relating to "a device to control corrosion of an active passive metal equipment handling compatible electrically conducting corrosive solution."

The Patent ceased on the 29th Jan., 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th February, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 5-5-1994, under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 166370 granted to Binder & Co Aktiengesellschaft for an invention relating to "conveying device."

The Patent ceased on the 28th Feb., 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th February, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta 700 020 on or before the 5-5-1994, under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

or before the 5-5-1994, under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 166592 granted to Venkatram Srinivasan for an invention relating to "voltage impulse generator for high voltage testy."

The Patent ceased on the 20th January, 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th February, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 5-5-1994, under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 168672 granted to Himont Incorporated for an invention relating to "process for preparing complexes or mixtures of complexes of bismuth and antimony."

The Patent ceased on the 19th July, 1993 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th February, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 5-5-1994, under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 168859 granted to Allied Corporation for an invention relating to "fluid pressure braking system."

The Patent ceased on the 11th Dec., 1992 due to non-payment of renewal fees within the prescribed time and the cessation of the patent will be notified in the Gazette of India, Part III, Section 2 dated the 19th February, 1994.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagadish Chandra Bose Road, Calcutta-700 020 on or before the 5-5-1994 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

OPPOSITION PROCEEDINGS

An Opposition have been entered by Steel Fab (INDIA) Calcutta to grant of Patent on Patent Application No. 172487 (59/BOM/1991) made by the Howkins Cookers Limited, Bombay.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Sec. 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration included in the entry :

- Class 3. No. 165417. N.D.S. Computers Pvt. Ltd. of Unit No 144, Building No. 35, Laxmi Industrial Estate, New Link Road, Andheri (West), Bombay-400058, Maharashtra, India. "Television Set". March 11, 1993.
- Class 3. No. 165478. Motorola, Inc. of 1303, East Algonquin Road, Schaumburg, Illinois 60196, U.S.A. "Pager". March 30, 1993.
- Class 3. No. 165480. Motorola, Inc. of 1303, East Algonquin Road, Schaumburg, Illinois 60196, U.S.A. "Pager". March 30, 1993.
- Class 3. No. 165579. Creations, Indian Proprietary Firm of Krishna Bhuwan, 4th flr., 146, Dr. Viegas St., Bombay-400002, Maharashtra, India, "Torch". April 23, 1993.
- Class 3. No. 165580. Creations, Indian Proprietary Firm of Krishna Bhuwan, 4th flr., 146, Dr. Viegas St., Bombay-400002, Maharashtra, India, "Coasters". Apr 23, 1993.
- Class 3. No. 165636. Achal Anil Bakeri, Indian, 13, Sadma Society, Navrangpura, Ahmedabad-380009, Gujarat, India. "Washing Machine". May 12, 1993.
- Class 3. No. 165666. Phenoweld Pilymer Pvt. Ltd., Saki Vihar, Lake Road, Bombay-400072, Maharashtra, India. Indian Co. "Cistern". May 31, 1993.
- Class 3. No. 165668. Eagle Flask Industries Ltd. at Eagle Estate, Talegaon 410507, Dist. Pune, Maharashtra, India. "Casserole". May 31, 1993.
- Class 3. No. 165875. Eagle Flask Industries Ltd. at Eagle Estate, Talegaon 410507, Dist. Pune, Maharashtra, India. "Casserole". July 16, 1993.
- Class 3. No. 165707. Motorola, Inc. of 1303, East Algonquin Road, Schamburg, Illinois 60196, U.S.A. "Front Mount display rager". June 4, 1993.
- Class 3. No. 165907. Giustind Zappacosta, Australian, of 36A, Broad Street, Cabramatta, New South Wales-2166, Australia. "Pen". February 17, 1993.
- Class 3. No. 165935. Himland Industries of Ramji Bhai & Sons Pvt. Ltd., Flat No. 8, Khan Market, New Delhi-110003, India. "Bottle". July 26, 1993.
- Class 3. Nos. 166058 to 166063. Perfect Press Pvt. Ltd. of 30/1, East Patel Nagar, New Delhi-110008, India. "Mats". August 23, 1993.
- Class 3. No. 165759. Girnar Rubber Process, Proprietary Concern of C/1/B-29, Vapi Industrial Township, Vapi, Dist. Bulsar, Gujarat, India. "Gasket. June 15, 1993.
- Class 3. No. 165868. Anand International of 23, Piramal Industrial Estate, No. 4, S. V. Road, Goregaon (W), Bombay-400062, Maharashtra, India, Indian Partnership Firm. "Ball Pen". July 14, 1993.
- Class 4. Nos. 165049 & 165051. Neycer India Ltd., Indian Company of 52, Chamiers Road, Madras-600028, T. N., India. "Cistern". November 27, 1992.
- Class 4. No. 165648. Yves Saint Laurent International B. V., Dutch Company of World Trade Centre, Strawinskylaan 1725, 1077 XX Amsterdam, Netherlands. "Perfume Bottle". May 17, 1993.

Class 4. No. 165673 Shaw Wallace and Company Limited of 4, Bankshall Street, Calcutta-700001, W.B., India "Bottle". May 21 1993

Class 4. No. 165704 Brooke Bond India Ltd of Indian Co. at Brooke Fields, P.B. No. 3777, Marathahalli P.O., Bangalore-560037, Karnataka, India. "Bottle" June 3, 1993

Class 4. No. 166138. Gopal Glass Works Pvt. Ltd., 182, Gagan Vihar, Khanpur, Ahmedabad, Gujarat, India, Indian Pvt. Ltd. Co. "Figured Glass" September 6, 1993.

Class 5. No. 166351 Aylwin International Corpn. of 96A, K. G. Basu Sarani, Calcutta-700085, W.B., India, Indian Proprietary Firm "Paper Box". October 11, 1993

Class 10. No. 165376. ICT Industries, Indian Partnership Firm of Swastik Industrial Compound, Chincholi Bunder Road, Malad (West), Bombay-400064, Maharashtra, India "Sole for footwear". February 24, 1993.

Class 10. No. 165389 API Associates Pvt. Ltd. of 526, Moundka Village, Main Rohtak Road, Delhi-41, India "Footwear". March 1, 1993.

Class 10. No. 165662 Enpee Industries, C-1, Wazirpur Industrial Area, Delhi-110052 Indian Partnership Concern, India. "Sole of Footwear". May 28, 1993.

Class 10. No. 165462 ICT Industries, Indian Partnership Firm, Swastik Industrial Compound, Chincholi Bunder Road, Malad (West), Bombay-400064, Maharashtra, India "Sole for footwear". March 24, 1993

Class 10. No. 165550. Anand Products Pvt. Ltd. of C/1, S.M.A. Industrial Estate G. T. Karnal Road, Delhi-33, India. "Footwear" April 20, 1993.

R. A. ACHARYA

Controller General of Patents, Designs and Trade Marks

प्रबन्धक, भारत सरकार मद्रासालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1994

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1994

